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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Application of:  
Jorge E. Lopez de Cardenas

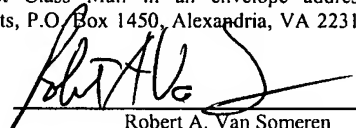
Serial No.: 10/727,870

Filed: December 4, 2003

For: Real Time Optimization of Well Production  
Without Creating Undue Risk of Formation Instability

§  
§ Group Art Unit: 3672  
§  
§  
§ Examiner: Collins, Giovanna M.  
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§  
§ Atty. Docket: 68.0425  
§  
§  
§

Commissioner  
for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING 37 C.F.R. 1.8	
I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below:	
July 13, 2007	
Date	Robert A. Van Someren

**REPLY AND AMENDMENT**

Dear Sir:

In response to the Office Action mailed May 18, 2007, Applicants submit the following:

Amendments to the claims are reflected in the listing of claims that begins on page 2 of this paper.